## **IPO CHART**

| Program name:                                                                                                                                                                                 | Project Mastery                                                                                                                                                                                                                                                                              |                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| INPUT                                                                                                                                                                                         | PROCESS                                                                                                                                                                                                                                                                                      | OUTPUT                                                                                                                                                    |
| Hint: What will the user input?                                                                                                                                                               | Hint: What is the program going to do with the input information?                                                                                                                                                                                                                            | Hint: What will the screen display after user input?                                                                                                      |
| <ul> <li>User inputs time spent for Designing</li> <li>User inputs time spent for Coding</li> <li>User inputs time spent for Debugging</li> <li>User inputs time spent for Testing</li> </ul> | <ul> <li>Input values are assigned and stored into variables accordingly</li> <li>Input values are changed into double values, and each variable is divided by the sum of the user inputs and multiplied by 100</li> <li>This gives us the percentage of time taken for each task</li> </ul> | <ul> <li>Program outputs introduction messages</li> <li>Program outputs percentage of time taken for Designing, Coding, Debugging, and Testing</li> </ul> |